DRAFT ENVIRONMENTAL IMPACT STATEMENT
APPENDIX J
VISUAL IMPACT RATING FORMS



		Sectio	n A: Project Inforr	nation					
	Project Name	Viewpoint /		e / Longitude			ocation		
	Na Pua Makani	Photo Point	21.64	78 ,-157.9290		Laie Hawii	I emple		
		01							
	Se	ction B: Char	acteristic Landsca	ape Descript	tion				
	Land / Water		VEGETATION			Struc	CTURES		
	Clear and Clean Prominent water	Jagged dom	ed and flat vegetation in the foreg	round	Bold and recta	angular buildings an	d staircases		
FORM	Flat landform in the foreground	Rolling vege	tation in the background						
፲	Rolling to rugged landform in the background								
	Horizontal smooth (reflecting pool) and vertical geometric	(fountain) Flat lawn an	d shrubs. Regular to round shrubs	and trees. Angular	Simple vertica	I columns and horiz	contal fountains		
 <u> </u>	water	and irregular	•	3	, , , , , , , , ,				
L	Horizontal landform - foreground								
	Curving mountains - background								
<u>~</u>	cool blues reflection	light to dark grays	greens		whites, grays,	tans			
Color	light to dark greens	browns reds							
٥									
ш	smooth and glossy (reflecting pool) medium directional (fo	ountain) smooth to ro	ough		smooth				
E	gradational landform								
Texture									
		Section C: I	Proposed Activity	Description					
	Has Photo Simulation Been			No If Yes, Fig.	CUDE NUM	IDED:			
	LAND / WATER	ORLAILD:	VEGETATION	10 11 123, 110	GUIL 1401		CTURES		
	same as above	same as abo			same as abov		JURES		
FORM									
[굔									
					same as above				
	same as above	same as abo	same as above		same as above				
L									
<u>_</u> ا	same as above	same as abo	ove		same as abov	е			
Color									
ن									
ш	same as above	same as abo	ove		same as abov	e			
H									
Texture									
	Section D: Contrast Rat	ing		Section E	· Viewer	Response			
	FEATURES		Viewer Sensitivity	DURATION OF V		ewer Use	Overall Response		
	LAND/WATER VEGETATION		High	Moderate		High	High		
DE						9	g		
Co	STRONG WEAK WEAK WEAK WEAK WASH	STRONG MODERATE WEAK NONE	Additional Comments						
		STRON MODE WEAK	The Project is 1.7 Miles from potentially see turbines but w			rtially to fully screer	ned by vegetation, but could		
ု က	FORM 🗸 🗸								
🖫	LINE 🗸 🗸	′							
ELEMENTS	Color /	EVALUATOR(S) DATE							
ॼ	Texture	′	Jennifer D'Avanzo			Picture Taken - Ma	y 1,		
	Overall Level of Contrast: None		`			2013 Evaluated - May 2	014 PAGE 1 / 1		
i			i				,		



_							
		Section	A: Project Inform	nation			
	Project Name	Viewpoint /		e / Longitude	*	cation	
	Na Pua Makani	Photo Point	21.639200000	00, -157.920000000	Polynesian C	ultural Center	
	Se	ction B: Chara	cteristic Landsca	ape Description			
	Land / Water		VEGETATION		Struct	URES	
_	No water	Rounded and	rregular	Flat, bl	ocky parking lot, regular squa	re building	
FORM	Flat						
Ľ.							
	Horizontal	Angular and si	nooth	Horizo	ntal parking lot and curbs and	vertical light poles and fencing.	
LINE							
	Browns	Light to dork a	roone	dork to	light grove tone whitee blues		
OR.	BIOWIIS	Light to dark g Browns	reens	dark to	light grays, tans, whites blues	5	
Color		Tans					
꿅	Smooth	Smooth to rou	gh	smooth	n		
Texture							
"							
		Section C: P	roposed Activity	Description			
	Has Photo Simulation Been			lo If Yes, Figur	E NUMBER:		
	Land / Water		VEGETATION		Struct	URES	
	same as above	same as above	Э	same a	as above		
Form							
ш							
	same as above	same as above	9	same a	as above		
LINE							
	same as above	same as above		sama s	as above		
OR	same as above	Same as above		Game	20 45000		
Color							
RE	same as above	same as above	9	same a	as above		
Texture							
Ë							
	Section D: Contrast Rat	ing		Section E: Viev	wer Response		
	FEATURES		Viewer Sensitivity	DURATION OF VIEW	Us <u>e Volume</u>	Overall Response	
	LAND/WATER VEGETATION	STRUCTURES	High	Moderate	High	Moderate	
	STRONG WEAK NONE STRONG MODERATE WEAK NONE NONE	STRONG MODERATE WEAK NONE					
STRONG WEAK NONE STRONG MODERAI NONE STRONG MODERAI NONE NONE NONE			ADDITIONAL COMMENTS Enclosed landscape. Project i		. Project would be screened by	y vegetation, but may	
F / / / / /			potentially see turbine blades	through trees.			
VTS	LINE V	 					
ME	┃ ┃ 	 					
ELEMENTS	Color		EVALUATOR(S)		DATE		
_	Texture	 	Jennifer D'Avanzo		Picture Taken - May 1 2013		
	Overall Level of Contrast: none				Evaluated - May 5 201	4 PAGE 1 / 1	



\								
		Secti	on A: Project Inforr	nation				
	Project Name Na Pua Makani	Viewpoint / Photo Point		e / Longitude 62, -157.9040	LDS Church	ocation		
		Section B: Cha	aracteristic Landsca	ape Description				
	Land / Water		Vegetation		STRUC	TURES		
Fоrм	Prominent flat ocean Flat beach Rugged mountains, rolling to flat land	Rounded	and irregular		nd curving road building			
LINE	Horizontal ocean Flat beach Rugged mountains in middle ground Rolling to flat hills in background	Bold and	rugged to parallel	Bold I	ontal and curving conductor li building al poles, fencing	nes		
Color	Cool to medium Blues Tans, Browns,	Light to do Browns Tans Reds	ark greens	Brown	ns, blacks, grays, tans, yellow			
Texture	Smooth water Stippled beach and landform - foreground Medium middle ground Striated background	Medium a	and gradational	smoo	th and directional			
		Section C	Proposed Activity	Description				
	Has Photo Simulation Bi	EN CREATED FOR	KOP? Yes ✓ N	lo If Yes, Figu	re Number:			
	Land / Water		VEGETATION		Struc*	TURES		
FORM	same as above	same as a	above	same	as above			
LINE	same as above	same as a	above	same	as above			
Color	same as above	same as a	above	same	as above			
Texture	same as above	same as a	above	same	as above			
	Section D: Contrast I	Rating		Section E: Vie	wer Response			
DEGREE OF CONTRAST None Reak Moderate None Reak Moderate None Reak Moderate None Reak Moderate None None Reak Moderate None None Reak Moderate None None None None None None None Non				Us <u>e Volume</u> Moderate ine blades behind terrain. But	OVERALL Response Moderate likely is low.			
ELEMENTS	FORM	√	EVALUATOR(s) Jennifer D'Avanzo		DATE Picture Taken - May 2013 Evaluated - May 20			



				Section	A: Project Inforn	nation			
	Pr	oject Name		point /		e / Longitude		1	ation
	Na	a Pua Makani	Pho	to Point	21.67	57, -157.9580		Kahuku Commu	nity
				04					
			Section	B: Chara	acteristic Landsca	ape Descrip	tion		
		Land / Water			VEGETATION			STRUCT	URES
				Flat and rolling				r boxy homes	
FORM	No water			Angular and ru	aggea			es and fences nd curving conductor lines	. Few turbines
፲	Flat in foregrour	nd to rugged in background							
	Horizontal to und	dulating		Horizontal and	1 vertical		Bold, geome	etric	
 <u> </u>		g		rugged and jag			Vertical	and diverging	
LINE							converging	and diverging	
<u>~</u>	Browns			light greens to Yellows, grays	9		Browns, yel Grays and b	llows, blues, greens, pink placks	s, tans.
Color							Whites		
٥									
ш	Smooth to mediu	um		smooth to roug	gh		Smooth and	d medium	
Texture									
<u>ĕ</u>									
			Soci	tion C: P	roposed Activity	Docarintian			
	Цлс	PHOTO SIMULATION BE				lo If Yes, F	ioupe N	UMPED:	
	ПАЗ		EN CREATE	: טינ		IF IES, F	IGURE IN	STRUCTI	
	same as above	Land / Water		Same as abov	VEGETATION		Additional T		URES
≅									
Form									
l	same as above			Same as abov	⁄e		Additional V	ertical wind turbines	
L									
	same as above			same as above	е		Glaring		
Color									
ပြ									
<u> </u>	same as above			same as above	e		same as ab	ove	
Texture									
						0 -11	\ /:		
	Se	ection D: Contrast F			Viewer Consistivity			r Response	Doomonoo
		FEATUF LAND/WATER VEGETAT			<u>Viewer Sensitivity</u>	DURATION OF V		U <u>ser Volum</u> e	Overall Response
DEC	REE OF			UCTURES	High	Moderate	•	High	High
	NTRAST	ONG FERAT E ONG	J SNG	E K ERA	ADDITIONAL COMMENTS				
50	ICANIE	STRONG MODERATE WEAK NONE STRONG MODERATE	None Strong	WEAK None	The project is 0.6 miles from		·.		
ļ "	FORM // //			√					
K	LINE COLOR V V			 	 				
H	Color		1	1					
🖫	TEXTURE		 	+	Evaluator(s) Jennifer D'Avanzo			DATE Picture Taken - May 1	
			1	1 1 *	Jennier D Avanzo			2013	
I	OVERALL L	EVEL OF CONTRAST: W	eak		1			Evaluated - May 5, 201	PAGE 1 / 1



				Section	A: Project Inforn	nation			
		oject Name Pua Makani		wpoint / oto Point ⁰⁵		e / Longitude 756, -157.958		Loc Kahuku Sugar Mi	cation Il Historical Site
			Section	B: Chara	ncteristic Landsca	ape Descrip	tion		
		Land / Water			VEGETATION			STRUCT	JRES
F окм	No water Flat in foreground Rolling Background	d to rugged in middle grou nd	nd.	Flat and rolling Angular and ru	,		Vertical	ular buildings, curving roads poles and signs Il and curving conductor lines	
LINE	Horizontal to undi	ulating		Horizontal and rounded, rugge	vertical and wispy ed and jagged		Bold, ge Vertical Curving	ometric, and horizontal lines	
Color	Browns			light greens to Yellows, grays	· ·			yellows, blues, greens, tans ays and blacks oranges reds	
Техтике	Smooth to mediu	m		smooth to roug	gh		Smooth	and medium	
	Section C: Proposed Activity Description								
	Has	PHOTO SIMULATION					Figur	E NUMBER:	
		Land / Water			VEGETATION	,		STRUCTI	JRES
FоRM	same as above	,		same as above			Addition	al Turbines	
LINE	same as above			same as above	e		Addition	al vertical wind turbines	
Color	same as above			same as above	е		Glaring		
Texture	same as above			same as above	е		same as	s above	
	Se	ction D: Contr	ast Rating					ver Response	
DEGREE OF CONTRAST None Weak Weak Weak Weak Weak Weak Weak Weak			Viewer Sensitivity Moderate Additional Comments Tourists and residents use the		•	High	Overall Response Moderate		
ELEMENTS	Form Line Color Texture	S S Z S	✓ ✓	> > z \langle \langle \langle	Evaluator(s) Jennifer D'Avanzo	о агва. г гојви 15 0.0	mies IIUII	DATE Picture Taken - May 1 2013 Evaluated - May 5 201	



_									
				A: Project Inforn			T		
		oject Name	Viewpoint /		e / Longitude		Lo Kahuku Commu	cation nity Center	
	Na	a Pua Makani	Photo Point 06(SIM)	21.67	756, -157.958		Traineria Communi	my come.	
			ction B: Chara	cteristic Landsca	ape Descript	ion	_		
	T	Land / Water	<u> </u>	VEGETATION		STRUCTURES			
=	No water		Flat and rolling Angular and ru			Rectangular Vertical pole	buildings es and fences.		
Form	Flat in foregrou	nd to rolling in middle ground and backgro	ound			Diagonal an	d curving conductor line	s. Few turbines	
"									
	Horizontal to und	dulating	Horizontal				etric, and horizontal		
L E			rounded, rugge	ed and jagged		Vertical Curving line	s		
	Browns		light greens to	dark greens		Browns, are	ens, tans, beiges		
) 당			Yellows, grays			light grays, b			
Color									
쀭	Smooth to media	um	smooth to roug	gh		Smooth and	medium		
Texture									
=									
			Section C: P	roposed Activity I	Description				
	Has	PHOTO SIMULATION BEEN	CREATED?	✓ Yes N	lo If Yes, F	IGURE N	lumber:		
		Land / Water		VEGETATION	·		STRUCT	URES	
	same as above	,	same as above			Additional w	ind turbines		
FORM									
Ľ									
	same as above		same as above	e		Additional ve	ertical wind turbines		
L									
-									
			2000 20 20 20 20			Glaring			
_K	same as above		same as above	3		Gianny			
Color									
	same as above		same as above	Э		same as abo	ove		
Texture									
≝									
	Se	ection D: Contrast Rat	ing		Section E:	Viewe	r Response		
		FEATURES		Viewer Sensitivity	DURATION OF VII		J <u>ser Volume</u>	Overall Response	
_		LAND/WATER VEGETATION	STRUCTURES	High (Residential)	Moderate		Short	Moderate	
DEC	REE OF	S RATE	SATE						
Co	NTRAST	STRONG MODERATE WEAK NONE STRONG MODERATE WEAK	STRONG MODERATE WEAK NONE	ADDITIONAL COMMENTS Project is 0.5 miles from view		, is moderate	2		
	F			1 Toject is 0.5 filles from view	point ou. Ocerno quality	, is moutrall	- ,		
ITS	S FORM V V V								
AEN	Z LINE V								
ELEMENTS	© Color ✓ ✓ ✓			EVALUATOR(S) DATE					
"	TEXTURE		′	Jennifer D'Avanzo			Picture Taken - May 2 2013		
	OVERALL L	_EVEL OF CONTRAST: Mode	erate				Evaluated - May 5 20	14 PAGE 1 / 1	



		Section	A: Project Inform	nation					
	Project Name	Viewpoint /		e / Longitude	•	ation			
	Na Pua Makani	Photo Point	21.67	756, -157.958	Malaekahana State Re	creation Area			
		ction B: Chara	cteristic Landsca	ape Description					
	Land / Water		VEGETATION		Structi	JRES			
FоRM	No water Flat in foreground to rolling in middle ground and rugged background background	Flat and round rugged	ed to rolling	Vertic	nt geometric buildings and turbi al poles and fences. ng conductor lines and roads.	ne blades			
LINE	Horizontal to undulating	Horizontal rounded, rugge	ed and jagged		pands and curving conductors all poles				
Color	Browns	light greens to Yellows, grays			ns, greens, tans, beiges grays, browns is				
Техтиве	Smooth to medium	smooth to roug	ih	Smoo	nth and medium				
	Section C: Proposed Activity Description								
	Has Photo Simulation Been	CREATED?	Yes ✓ N	lo If Yes, Figui	RE NUMBER:				
	Land / Water		VEGETATION		Structi	JRES			
F окм	same as above	same as above	9	Trian	gular turbine blades				
LINE	same as above	same as above	e as above		Irregular turbine blades				
Согов	same as above	same as above	9	Glarir	9				
Техтике	same as above	same as above		same	as above				
	Section D: Contrast Rat				wer Response				
	FEATURES		Viewer Sensitivity	DURATION OF VIEW	U <u>ser Volum</u> e	Overall Response			
D-	LAND/WATER VEGETATION	STRUCTURES	High	Short	Moderate	Moderate			
	FORM WODERAIF AND		ADDITIONAL COMMENTS Views inside the park are com Viewpoint 07 is located at the Scenic quality is moderate. Project is 1.0 miles from view	entrance of the Park so user	on 's would be driving by and not s	topping.			
E.E.	COLOR V V TEXTURE V V OVERALL LEVEL OF CONTRAST: Mode	erate	Evaluator(s) Jennifer D'Avanzo		DATE Picture Taken - April 22 201 (KOP 25) Evaluated - May 5, 201				



				A: Project Inforn						
		oject Name	Viewpoint /		e / Longitude	Kameh	Loca ameha Highway	tion		
	Na	a Pua Makani	Photo Point 08	21.0	937, -157.98		amona riigimay			
			ction B: Chara	cteristic Landsca	ape Descripti	on	_			
<u> </u>		Land / Water		VEGETATION			STRUCTUR			
FоRM	No water Flat to rolling in	middle ground. Rugged background	Flat and rounde Rolling and rug		Ve			gular building, prominent s from wind turbines.		
LINE	Horizontal and r	ounded to undulating	Horizontal and Vertical, angula Rugged		G	Geometric, vertical, 1	Furbines. horizonta	al, curving conductors		
Color	Browns, tans an	d light greens	light greens to o Yellows, grays,	dark greens browns, tans, beiges	W	Vhites, browns grays	s, blacks, tans, gre	ens, reds yellows,		
Texture	Smooth to medi	um	smooth to coars	se	S	Smooth to medium				
	Section C: Proposed Activity Description									
	Has	PHOTO SIMULATION BEEN	CREATED?	Yes ✓ N	lo If Yes, F	IGURE NUMBE	R:			
		Land / Water		VEGETATION			STRUCTUR	ES		
Г окм	same as above		same as above	,	A	dditional vertical turb	pines			
LINE	same as above		same as above		A	Additional turbines				
Color	same as above		same as above		gl	laring				
Texture	same as above		same as above		Si	ame as above				
	S	ection D: Contrast Ra	ting		Section E: \	Viewer Res	sponse			
		Features	3	Viewer Sensitivity	DURATION OF VIE	w User V	<u>olum</u> e	Overall Response		
	GREE OF	STRONG MODERATE WEAK NONE STRONG MODERATE WEAK	GRATE	Moderate Additional Comments From highway. 0.6 Miles from			igh	Moderate		
ELEMENTS	FORM LINE COLOR	✓	/ / / / / / / / / / / / / / / / / / /	.						
щ	Texture			Evaluator(s) Jennifer D'Avanzo		Picture ¹	DATE Taken - April 22,			
		EVEL OF CONTRAST: Mode	erate	John Drivanzo			2014 ed - May 5 2014	Page 1 / 1		



		Section	A: Project Inform	nation		
	Project Name	Viewpoint /	Latitude	e / Longitude		ation
	Na Pua Makani	Photo Point	21.67	7 63, -157.947	Kanuku Intermedi	ate and High School
	Se	ction B: Chara	cteristic Landsca	ape Description		
	Land / Water		VEGETATION		Structi	JRES
Г окм	No water Flat in foreground to rugged and rolling Background	Flat, vertical ar Rugged backgi		Vertica	gular buildings, curving roads Il poles and signs all and curving conductor lines	
LINE	Horizontal to undulating	Horizontal and Rolling	vertical and wispy	Bold, g Vertica Curving		
COLOR	Browns	light greens to Yellows, grays,			s, yellows, blues, greens, tans rays and blacks oranges reds	
Texture	Smooth to medium	smooth to roug	ih	Smootl	h and medium	
		Section C: Pr	roposed Activity	Description		
	Has Photo Simulat			lo If Yes, Figur	E NUMBER:	
	Land / Water		VEGETATION		Structi	JRES
F окм	same as above	same as above	3	Vertica	l and angular wind turbines	
LINE	same as above	same as above	above vertic		vertical wind turbines	
Согов	same as above	same as above	9	Glaring	1	
Texture	same as above	same as above	3	same a	as above	
	Section D: Contrast Rat	ing		Section E: View		
l	FEATURES LAND/WATER VEGETATION REE OF NTRAST FORM LINE LINE FORM LINE LINE	STRUCTURES	Moderate Additional Comments Scenic Quality is moderate.		U <u>ser Volum</u> e High ol. Residents in school in class	Overall Response Moderate Moderate Description on the fields
ELEN	COLOR		Evaluator(s) Jennifer D'Avanzo		DATE Picture Taken - May 2 2013 Evaluated - May 5, 201	



•									
			Section	n A: Project Inforn	nation				
		roject Name a Pua Makani	Viewpoint / Photo Point	• • • • • • • • • • • • • • • • • • •	e / Longitude 022, -157.992	Loc Turtle Bay Resort a	cation nd Golf Course		
		Se	ection B: Chara	acteristic Landsca	ape Descriptio	n			
		Land / Water		VEGETATION		STRUCT	URES		
Г окм	Wetland/Water - Flat to rolling for	- curving reground to rugged background	Flat and rollin Angular and r	g to vertical and rounded ugged	Cur	tical wind turbines ving paths angular buildings			
Line	undulating to ru	igged	Horizontal Vertical, round	ded, rugged and jagged	curv	d vertical and irregular ring metric			
COLOR	Browns, orange	s, sienna, and greens	light greens to Yellows, gray		Whi	tes, greys, tans			
Texture	Smooth to medi	um	smooth to rou	gh	Smo	ooth and medium			
	Section C: Proposed Activity Description								
		Has Photo Simui				GURE NUMBER:			
		Land / Water		VEGETATION	•	STRUCT	URES		
FоRM	same as above		same as abov	/е	Pote	entially angular and vertical			
LINE	same as above		same as abov	/e	Pote	entially vertical and geometric			
Color	same as above		same as abov	ve	Pote	entially glaring			
Texture	same as above		same as abov	ve	sam	ne as above			
	Se	ection D: Contrast Ra				ewer Response			
	FORM LINE COLOR			Viewer Sensitivity High Additional Comments Project is 2.5 miles. There is a		Moderate	Overall Response Moderate		
🗓	TEXTURE	1		Evaluator(s) Jennifer D'Avanzo		DATE Picture Taken - April 23 2013			
I	OVERALL L	LEVEL OF CONTRAST: Wea	K			Evaluated - May 5, 201	4 PAGE 1 / 1		



		Section	A: Project Inforn	nation					
	Project Name	Viewpoint /	Latitude	e / Longitude		cation			
	Na Pua Makani	Photo Point	21.57	771, -157.882	Punaluu Beach Park				
	Se	ction B: Chara	cteristic Landsca	ape Description					
	Land / Water	otion Bi onara	VEGETATION	xpo Bocompulon	STRUCT	IIRES			
	Prominent flat ocean	Irregular and ru		Recta	ngular buildings	5.1.2.5			
FORM	Flat beach Rugged mountains, rolling to flat land			Vertic	al poles				
<u>F</u>	The state of the s								
	Horizontal ocean Flat beach	Vertical and Ru	ugged	Geom	etric and vertical				
L	Rugged mountains in middle ground Rolling to flat hills in background								
~	Cool to medium and dark Blues with tans and whites	Light to dark gr	reens, yellows	Tans,	light grays, greens, browns				
Color	Tans, Browns,	Browns Tans							
ပိ									
	Smooth water	Medium and gr	radational	smoo	th				
Texture	Stippled beach and landform - foreground Medium middle ground and background								
F									
			roposed Activity I						
	HAS PHOTO SIMULA	TION BEEN CREAT		lo If Yes, Fig	URE NUMBER:				
	Land / Water		VEGETATION		STRUCT	URES			
Σ	same as above	same as above	9	same	as above				
Form									
	same as above	same as above	•	same	as above				
LIRE									
_									
	same as above	same as above)	same	same as above				
Color									
ပိ									
	same as above	same as above	<u> </u>	same	as above				
URE									
Texture									
	Section D: Contrast Rat		Viewer Sensitivity	DURATION OF VIEW	wer Response User Volume	Overall Response			
	FEATURES LAND/WATER VEGETATION	STRUCTURES	High						
DE			riigii	Short	Moderate	Moderate			
	2 Z 2	STRONG MODERATE WEAK NONE	Additional Comments			<u> </u>			
	MODERA MO	STRON MODEF WEAK NONE			VY. Viewer would be looking at	ocean mostly likely not toward			
S	FORM 🗸 🗸		p.0,000.						
Ë	LINE V								
ELEMENTS	Color								
П	TEXTURE		Evaluator(s) Jennifer D'Avanzo		DATE Picture Taken - May 1				
	OVERALL LEVEL OF CONTRACT: NONE	1 1	Joshimor D/Warizo		2013 Evaluated - May 2014				



		Section	A: Project Inforr	nation			
	Project Name	Viewpoint /		e / Longitude	• • • • • • • • • • • • • • • • • • •	cation	
	Na Pua Makani	Photo Point	21.5569, -157.853		Kahama Valley State F	Park Beach	
		ction B: Chara	cteristic Landsca	ape Descriptio	n		
	Land / Water		VEGETATION		Structi	URES	
_	Flat clear water	Rugged to vert	ical	Dist	tant geometric buildings		
Form	Rocky and flat to rugged landform						
ш.							
	Horizontal	Hadalatia a as		Geo	ometric		
LINE	Rugged	Undulating and	i verticai				
_							
	Cool light blues to medium and dark blues	Light to dark gi	reens, tans, browns, yellows	whi	tes		
Color	Tans, blacks, browns, beiges and whites						
ပိ							
	Coarse to medium	Medium and re	ough	Soc	attered fine		
Texture	Coarse to medium	Wedium and N	ougn		illered fine		
ËXT							
_							
			roposed Activity				
	Has Photo Simula	TION BEEN CREAT		lo If Yes, Fig	GURE NUMBER:		
	Land / Water		VEGETATION		STRUCT	URES	
Σ	same as above	same as above	9	san	ne as above		
Form							
	same as above	same as above	9	san	ne as above		
LINE							
~	same as above	same as above	9	san	ame as above		
Color							
ŭ							
ш	same as above	same as above	9	san	ne as above		
TUR							
Texture							
	Section D: Contrast Rat	ing		Section F: Vi	ewer Response		
	FEATURES		SCENIC QUALITY	DURATION OF VIEW		Overall Response	
	LAND/WATER VEGETATION	STRUCTURES	High	Moderate	Moderate	Moderate	
STRONG MODERATE WEAK NONE WEAK NONE STRONG MODERATE WEAK WEAK WEAK			ADDITIONAL COMMENTS				
			ADDITIONAL COMMENTS Project is 9.0 miles from Beach. Maybe visible from the HWY.				
ITS	FORM V						
ELEMENTS	LINE						
	Color		EVALUATOR(S) DATE				
	Texture	√ √	Jennifer D'Avanzo		Picture Taken - May 1 2013		
	Overall Level of Contrast: none				Evaluated - May 5, 201	PAGE 1 / 1	



			Sec	ction	A: Project Inforn	nation			
		roject Name a Pua Makani	Viewpoin Photo Po			e / Longitude 39, -157.955	Location James Campbell NWR		
	140	ar da Makam	13						
		Se	ection B: C	hara	cteristic Landsca	pe Descrip	tion		
		LAND / WATER			VEGETATION			Structu	JRES
Г окм	No water Flat in foregrour background	nd to rolling in middle ground and rugger	Angula	nd rolling ar and ru			Rectangular sign, scattered rectangular buildings Vertical poles, turbines, and horizontal fences. Diagonal and curving conductor lines.		al fences.
LINE				ontal ed, rugge	ed and jagged		Geometric Bold Vertic Curving lin		
COLOR	Browns			reens to o	dark greens browns		Browns, gr light grays, Whites	reens, tans, beiges , browns	
Smooth to medium			smooth	h to roug	rough Smooth and		ind coarse		
			Section	C: Pr	oposed Activity I	Description			
		Has Photo Simui					FIGURE	Number:	
		Land / Water			VEGETATION		- 1010111	STRUCTU	IRFS
,			Same	as above			Additional	Vertical and angular turbing	
FоRM									
LINE	same as above		Same	as above	Additional Vertical and angular wind turbines			urbines	
Согов	same as above		same a	as above	above Whites an			tes and glaring	
Texture	same as above			same as above		same as a	bove		
	Se	ection D: Contrast Ra	ting			Section E:		er Response	
		Features			Viewer Sensitivity	DURATION OF V	<u>IEW</u>	U <u>ser Volum</u> e	Overall Response
	GREE OF	LAND/WATER VEGETATION	Щ	П	High	Long		Low	Moderate
Co	NTRAST		STRONG MODERATE WEAK	None	ADDITIONAL COMMENTS Proposed Project will co-dom	inate with existing win	d project. S	cenic Quality is high. Dista	nce from Project is 1.0 miles
ELEMENTS	Form Line	✓ ,	/ /	\exists					
<u> </u>	Color	<u> </u>	/		Evaluator(s)			DATE	
Ш	TEXTURE	√ ,		\checkmark	Jennifer D'Avanzo			Picture Taken - May 2,	
	OVERALL	EVEL OF CONTRAST. Mod	erate					2013 Evaluated - May 5 201	4 PAGE 1 / 1



			Section	n A: Project Inforn	nation			
	Pro	oject Name	Viewpoint /	Latitude	e / Longitude		ation	
	Na	Pua Makani	Photo Point	21.6027, -157.9050		North Windward E	Baptist Church	
			14					
		S	ection B: Chara	acteristic Landsca	ape Descriptio	n		
		Land / Water		VEGETATION		Structi	JRES	
		•	Flat to rounde	ed and angular		etangular building		
FORM	Flat					tical poles ving conductors		
요								
	11		11	didata a and is and	0			
ш	Horizontal		Honzoniai on	dulating and jagged	Geo	ometric, vertical and curving		
LINE								
~	Tans, Browns,		Light to dark of Browns	greens and yellows	Brov	wns, grays, tans, whites		
Color	Talis, blowils,		Tans					
ပ								
<u> </u>	Smooth to mediur		Smooth to me	edium to coarse	smo	poth		
Texture								
E.								
				roposed Activity	Description			
		Has Photo Simul	ATION BEEN CREAT	red? Yes ✓ N	lo If Yes, Fig	ure Number:		
		Land / Water		VEGETATION		Structi	JRES	
	same as above		same as abov	/e	sam	ne as above		
FORM								
╵╙╴								
	same as above		same as abov	/e	sam	ne as above		
LINE								
	same as above		same as abov	/A	Sam	ne as above		
8	Same as above		Same as above		Jan			
Color								
뮻	same as above		same as abov	/e	sam	ne as above		
Texture								
<u> </u>								
	Se	ction D: Contrast Ra	nting		Section E: Vi	ewer Response		
		FEATURE		Viewer Sensitivity	DURATION OF VIEW		Overall Response	
	li li	LAND/WATER VEGETATION		High	Moderate	Moderate	Moderate	
DEG	REE OF							
			None Modera Weak None	Additional Comments				
	CONTRACT NONE MODER NO			Project is 5 miles from Church	n and the grounds are enclo	osed with vegetation. No views fro	om Church or property.	
ည	Form	√	✓					
ELEMENTS	LINE		√					
ļ Ā	Color		√	EVALUATOR(S)		D ате		
111	TEXTURE		√	Jennifer D'Avanzo		Picture Taken - May 1,		
		EVEL OF CONTRAST: Non	ie			2013 Evaluated - May 2014	Page 1 / 1	
	· · · ·			i e			,	



l								
		Section	A: Project Inform	nation				
	Project Name Na Pua Makani	Viewpoint / Photo Point		e / Longitude 189, -157.914		Loc Coastal Residences	ation	
	Se	ction B: Chara	cteristic Landsca	ape Descript	ion			
	Land / Water		VEGETATION			Structi	JRES	
FоRм	Prominent flat ocean Flat beach Rugged hills	Irregular and ru	ugged		Rectangular buildings Angular and irregular turbine blades			
LINE	Horizontal undulating ocean Flat beach Rugged mountains in middle ground Rolling to flat hills in background	Vertical and Ru	ugged		Geometric a	and vertical		
Color	Cool to medium and dark Blues with tans and whites Beiges Tans, Browns,	Light to dark g Browns Tans	reens, yellows		Whites,Tan	ns, light grays, greens, bro	wns	
Texture	Smooth water Stippled beach and landform - foreground Medium middle ground and background	Medium and gi	edium and gradational s		smooth			
	Section C: Proposed Activity Description							
	Has Photo Simulation Been Created? Yes V No If Yes, Figure Number:							
Land / Water			VEGETATION			Structi	JRES	
FORM	same as above	same as above	e		Additional 1	turbines		
LINE	same as above	same as above	same as above			Additional vertical and irregular turbines		
Color	same as above	same as above	same as above			Glaring		
Texture	same as above	same as above	same as above			same as above		
	Section D: Contrast Rat					r Response		
			High ADDITIONAL COMMENTS Project is 2.5 miles from Laie	DURATION OF VI		User Volume High d. Scenic quality is high.	Overall Response High	
ELEMENTS	FORM LINE COLOR TEXTURE CONTRACT: Weal		Evaluator(s) Jennifer D'Avanzo			DATE Picture Taken - May 1, 2013 Evaluated - May 2014		



_									
			Secti	on A	A: Project Inforn	nation			
		roject Name a Pua Makani	Viewpoint / Photo Poin			e / Longitude 669, -157.853		Loc Swanzy Beach Park	ation
		Se	ection B: Cha	arac	teristic Landsca	ape Descrip	tion		
		Land / Water			VEGETATION			Structu	IRES
FоRM	Flat clear water Rocky and flat to	o rugged landform	Flat Vertical a Rugged	nd roun	ded			ric buildings path and wall	
LINE	I Bound			lorizontal Geometric and curving lertical indulating					
Color	Cool and light blues to medium and dark blues Tans, blacks, browns, beiges and whites			ark gree	ens, tans, browns, yellows		Grays, b	lues, whites, browns	
Texture	Coarse and smo	ooth to medium	smooth, n	nedium	and rough		Course t	to smooth	
	Section C: Proposed Activity Description								
	Has Photo Simulation Been Created? Yes V No If Yes, Figure Number:								
		Land / Water			VEGETATION			STRUCTU	IRES
Г окм	same as above		same as a	above			same as	above	
LINE	same as above		same as a	same as above			same as above		
Color	same as above		same as a	same as above			same as above		
Texture	same as above		same as a	above			same as	above	
	Se	ection D: Contrast Ra	ting					ver Response	
l	FORM LINE COLOR				High ADDITIONAL COMMENTS Project is 9.5 miles from Park.	DURATION OF N	/iew	U <u>ser Volum</u> e High	Overall Response High
	TEXTURE				Evaluator(s) Jennifer D'Avanzo			DATE Picture Taken - May 1,	
		EVEL OF CONTRAST: Non-	9	- `	CO.T.IIIOI D7WAII20			2013 Evaluated - May 5, 201	



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	Section A: Project Information							
		oject Name	Viewpoint /	Latitud	e / Longitude		cation	
	Na	a Pua Makani	Photo Point	21.6759, -157.954		капики ноspital	and Medical Center	
	Section B: Characteristic Landscape Description							
		Land / Water		VEGETATION		STRUCT	URES	
Fоrм	No water Flat and rolling Rugged backgro	in foreground and middleground.	Flat, irregular a		Ve	ectangular buildings and fences, F ertical poles, turbines and signs. N iagonal and curving conductor lines	lat parking lots on directional turbine blades	
LINE	Horizontal to undulating			l vertical and wispy	Ve	old, geometric, and horizontal ertical urving lines		
COLOR	Browns, siennas			dark greens s, browns	da	rowns, yellows, blues, greens, tans ark Grays and blacks oranges reds /hites		
Техтике	Smooth to medi	um	smooth to roug	gh	Sr	mooth and medium		
			Section C: P	roposed Activity	Description			
		Has Photo Simul	ATION BEEN CREA	TED? Yes ✓ N	No If Yes, F	IGURE NUMBER:		
		Land / Water		VEGETATION		Struct	URES	
FоRM	same as above S			e	Ac	dditional vertical and angular turbin	es	
LINE	same as above		Same as abov	е	Ac	Additional vertical and angular wind turbines		
Color	same as above		same as above	same as above Glaring				
Texture	same as above		same as above	е	sa	ame as above		
	Se	ection D: Contrast Ra	ting		Section E: V	/iewer Response		
FEATURES LAND/WATER VEGETATION STRUCTURE			Viewer Sensitivity High Additional Comments		High	Overall Response Moderate		
ELEMENTS	FORM LINE COLOR TEXTURE	\frac{1}{\sqrt{1}}		Evaluator(s) Jennifer D'Avanzo	many manmade features.	Project is 0.5 miles from Viewpoin DATE Picture Taken - May 2 2013	·,	
	OVERALI I	Level of Contrast: Wea	k			Evaluated - May 5, 20	14 PAGE 1 / 1	



•								
	Section A: Project Information							
	Pr	oject Name	Viewpoint /	Latitude	e / Longitude		cation	
	Na	a Pua Makani	Photo Point	21.6745, -157.952		Kahuku Elementai	y School	
	Section B: Characteristic Landscape Description							
		Land / Water		VEGETATION	ре 2000рего	STRUCT	URES	
Form	No water Flat and rolling Rugged backgro	in foreground and middleground.	Flat, irregular		Vert	tangular buildings and fences, C ical poles, turbines and signs. N gonal and curving conductor lines	curving road on directional turbine blades	
LINE	Horizontal to undulating			d vertical and wispy	Vert	I, geometric, and horizontal ical ving lines		
Color	Browns, siennas			o dark greens s, browns		wns, yellows, blues, greens, tans Grays and blacks oranges reds tes		
Техтике	Smooth to coarse			smooth to rough Smooth a		oth and medium		
	Section C: Proposed Activity Description							
		Has Photo Simula	TION BEEN CREATI	ED? Yes ✓ N	lo If Yes, Figu	JRE NUMBER:		
		LAND / WATER		VEGETATION		Struct	URES	
FORM	same as above			ve	Add	itional angular and vertical turbin	es	
LINE	same as above		Same as above	ve	Add	Additional vertical and angular wind turbines		
Color	same as above		same as abov	same as above Glaring				
Texture	same as above		same as abov	ve	sam	e as above		
	Se	ection D: Contrast Ra	ting		Section E: Vi	ewer Response		
		STRUCTURES	Viewer Sensitivity High Additional Comments Proposed project will co-dom		User Volume High Weak due to existing manmade f	Overall Response Moderate eatures.		
ELEMENTS	FORM LINE COLOR TEXTURE	-EVEL OF CONTRAST: Wea		Evaluator(s) Jennifer D'Avanzo		DATE Picture Taken - May 2 2013 Evaluated - May 5, 20		



•								
	Section A: Project Information							
		oject Name a Pua Makani	Viewpoint / Photo Point				Loc Kahuku Golf Course	ation
			19					
	Section B: Characteristic Landscape Description							
		Land / Water		VEGETATION			STRUCTU	IRES
Г окм	No water Flat and rolling rugged backgrou	in foreground to vertical in middle groun und	Flat and rolling Angular and d			Vertical poles	s, turbines, non direction	al blades
LINE	Horizontal to jagged to undulating			nd rounded jagged		Bold Vertical	Lines	
COLOR	Browns, tans an	d light greens	light greens t Yellows, gray	o dark greens /s, browns		Whites, brow	rns greys	
Техтике	Smooth and rou	gh to medium	smooth to rou	ugh		Smooth		
	Section C: Proposed Activity Description							
	Has Photo Simulation Been Created? Ves No If Yes, Figure Number:							
		Land / Water		Vegetation			STRUCTU	IRES
Г окм				ve		Increased nu	ımber irregular turbine bla	ades
Line	same as above		same as abo	same as above Income			Increased number vertical wind turbines	
Color	same as above		same as abo	same as above			Whites	
Texture	same as above		same as abo	ve		same as abo	vve	
	Se	ection D: Contrast Ra					Response	
	FORM	FEATURES WODERATE WEAK WEAK	STRUCTURES WEAK WONE	Viewer Sensitivity High Additional Comments Golfcourse is 1.0 miles from		ser	High High Indicate the second of the secon	Overall Response Moderate
ELEN	COLOR TEXTURE	EVEL OF CONTRAST: Mod	/ V V	Evaluator(s) Jennifer D'Avanzo			DATE Picture Taken - May 2, 2013 Evaluated - May 5 2014	



		Section	n A: Project Inforr	nation			
	Project Name Na Pua Makani	Viewpoint / Photo Point		e / Longitude 596, -157.933	Loc Malaekahana Bike and	cation I Pedestrian Path	
	Se	ction B: Chara	acteristic Landsca	ape Description			
	Land / Water		VEGETATION		Structi	JRES	
FORM	No water Flat in foreground to rolling in middle ground and rugged background	Flat and round Rolling and ru		blade	ng Path, horizontal fences, verti s. Highway ngular scattered buildings	cal turbines, non directional	
LINE	Horizontal and rounded to undulating	Horizontal an Rugged	d rounded	Vertic	al, horizontal, curving geometri	С	
Color	Browns, tans and light greens	light greens to Yellows, grays	o dark greens s, browns, tans, beiges	White	s, browns greys		
Texture	Smooth to medium	smooth to me	smooth to medium		Smooth		
		Section C: P	roposed Activity	Description			
	Has Photo Simulat	ION BEEN CREATI	ED? ✓ Yes N	lo If Yes, Figui	RE NUMBER:		
	Land / Water		VEGETATION	,	Structi	JRES	
Г окм	same as above	same as abov		Increa	ised number turbines		
LINE	same as above	same as abov	e	Increa	Increased number vertical wind turbines		
Согов	same as above	same as abov	re	White	Whites and glaring		
Texture	same as above	same as abov	same as above		same as above		
	Section D: Contrast Rat	ing		Section E: Vie	wer Response		
	FEATURES		VIEWER Sensitvity	DURATION OF VIEW	U <u>ser Volum</u> e	Overall Response	
Degree of		STRONG MODERATE WEAK NONE	Moderate Additional Comments Path viewpoint location is 1.0		High	High	
ELEMENTS	FORM ✓ ✓ LINE ✓ ✓ Color ✓ ✓	\(\sqrt{1} \)	Evaluator(s)		Date		
Ш	OVERALL EVEL OF CONTRAST: Mode	rate	Jennifer D'Avanzo Picture Taken - April 22, 2014				



		Section	A: Project Inforn	nation				
	Project Name	Viewpoint /		e / Longitude	I	cation		
	Na Pua Makani	Photo Point	t 21.6937, -157.98		Kamehameha Highwa	у		
		ction B: Chara	icteristic Landsca	pe Description				
	Land / Water		VEGETATION		STRUCT	JRES		
F оRM	No water Flat to rolling in middle ground. Rugged background	Flat and round Rolling and rug		vertica	ng road, horizontal fences, rect al poles and non directional bla ng conductors			
LINE	Horizontal and rounded to undulating Horizontal and rounded to undulating Horizontal and rounded Vertical, angular and wispy Rugged Geometric, vertical, Turbines. horizontal, curving conduct Vertical, angular and wispy					ntal, curving conductors		
Color	Browns, tans and light greens	light greens to Yellows, grays	dark greens , browns, tans, beiges	White	s, browns grays, blacks, tans, (greens, reds yellows,		
Texture	Smooth to medium	smooth to coal	coarse Smooth		th to medium			
		Section C: P	roposed Activity I	Description				
	Has Photo Simulation Been (Yes ✓ N		RE NUMBER:			
	Land / Water		VEGETATION		STRUCT	URES		
Fокм	same as above	same as above	е	Additi	onal vertical turbines			
LINE	same as above	same as above	е	Addit	Additional turbines			
Согов	same as above	same as above	е	glarin	glaring			
Texture	same as above	same as above	same as above		same as above			
	Section D: Contrast Rat	ing		Section E: Vie	ewer Response			
	FEATURES		<u>Viewer Sensitivity</u>	DURATION OF VIEW	U <u>ser Volum</u> e	Overall Response		
	GREE OF ONTRAST FORM LINE COLOR	STRUCTURES STRONG WODERATE NONE	Moderate Additional Comments From highway. 1.6 Miles from	Short the Project. Scenic Quality is	High s Low due to the prominence of	Moderate f an existing wind farm		
TEXTURE								